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(71) Applicant: HITACHI LTD  
HITACHI GAZOU JOHO SYST:KK  
(72) Inventor: NODA TSUTOMU  
SHINKAWA TAKAO  
SAKAMOTO TOSHIYUKI  
MATSUMOTO TOMOZO  
NISHIZAWA SADAO

## (54) TELEVISION RECEIVER AND TELEVISION RECEIVING TUNER

## (57) Abstract:

**PURPOSE:** To prevent the deterioration of the quality of a video signal or a voice signal, and to fully utilize the performance of a ghost eliminating circuit by selecting a video signal obtained by a detecting means whose responding characteristic is different according to the size of the fluctuation of a video carrier phase.

**CONSTITUTION:** A carrier jitter detecting circuit 112 takes out alternating current transformation components due to a phase fluctuation by a filter 141 from the output of a phase detecting circuit 121b, rectifies it by a rectifier circuit 142, and compares it with a certain value A by a comparator circuit 143. Then, when it is beyond the value A, a switching circuit 109 is allowed through a switching control circuit 111 to select a video signal B, and when it is not beyond the value A, the switching circuit 109 is allowed to select a video signal C. Thus, when the fluctuation of the video carrier phase is small, the video signal obtained by a video detector circuit 108 whose responding characteristic is slow is added to a ghost eliminating circuit 110, and when the fluctuation of the video carrier phase is large, the video signal obtained by a video detector circuit

107 whose responding characteristic is fast is added to the ghost eliminating circuit 110. Thus, the performance of the circuit 110 can be fully utilized without deteriorating the quality of the video signal or the voice signal, and without lengthening a tuning time.

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